

Listing of Claims:

Sub B2 > 1. (currently amended) A control method for a main unit and an electronic device removably connected thereto, comprising:

providing a register in the electronic device, the register having a write area and a read area and performing setting of codes of functions to be executed by the electronic device when a function is executed;

writing a code of a function requested by the main unit in the write area of the register; ~~and~~

reading a code of a function to be executed and a code associated therewith in the read area of the register; ~~and-~~

~~At~~ detecting the requested function in the main unit based upon at least the code of the function read into the read area.

2. (currently amended) A control method according to claim 1, wherein ~~the function to be executed includes the function of~~ electronic device includes a memory, said method further comprising providing a list of the codes of the functions to be executed and a code associated therewith at a predetermined address in the memory.

3. (original) A control method according to claim 2, further comprising having the main unit access the predetermined address, whereby the main unit determines the function to be executed.

4. (original) A control method according to claim 1, wherein said writing step includes writing the code of an arbitrary function in the write area, and said reading step

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includes reading the code of a function selected in the electronic device and a code associated therewith, whereby the main unit determines the function to be executed.

5. (original) A control method according to claim 4, wherein the main unit enables the function to be executed based on the determination.

6. (currently amended) An electronic device removably connectable to a main unit for exchanging data with the main unit and for executing a plurality of functions, comprising:

a register for performing setting of codes of functions when ones of the plurality of functions are to be executed by the electronic device, the register including a write area in which a code of a function requested by the main unit is written, and a read area in which a code of a function selected in the electronic device and a code associated therewith are read and detected by the main unit to enable detection of the requested function by the main unit.

7. (currently amended) An electronic device according to claim 6, further including a memory, the memory including a predetermined address having a list of codes located at a predetermined address of the functions to be executed and codes associated therewith.

8. (original) An electronic device according to claim 7, wherein the main unit is adapted to determine the function to be executed by accessing the predetermined address.

9. (original) An electronic device according to claim 6, wherein the main unit is adapted to determine the function to be

executed by writing a code of an arbitrary function in the write area, and by reading a code of a function selected in the electronic device and a code associated therewith in the read area.

10. (original) An electronic device according to claim 9, wherein the main unit is adapted to enable the function to be executed based on the determination.

11. (new) A system for enabling detection of a requested function, comprising:

a main unit; and

an electronic device removably connectable to the main unit for exchanging data with the main unit and for executing a requested function, the electronic device comprising a register for performing setting of codes of a function to be executed by the electronic device, the register including a write area in which a code of a function requested by the main unit is written, and a read area in which a code of a function selected in the electronic device and a code associated therewith are read and detected by the main unit to enable detection of the requested function by the main unit.

12. (new) The system according to claim 11, wherein the electronic device further comprises a memory, the memory including a list of codes located at a predetermined address of the functions to be executed and codes associated therewith.

13. (new) The system according to claim 12, wherein the main unit is adapted to determine the function to be executed by accessing the predetermined address.

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14. (new) The system according to claim 11, wherein the main unit is adapted to determine the function to be executed by writing a code of an arbitrary function in the write area, and by reading a code of a function selected in the electronic device and a code associated therewith in the read area.

At 15. (new) The system according to claim 14, wherein the main unit is adapted to enable the function to be executed based on the determination.

16. (new) A main unit adapted to removably receive an electronic device having a register including a write and read area, the main unit comprising:

an interface for removably connecting the electronic device and enabling the exchange of data between the main unit and the electronic device; and

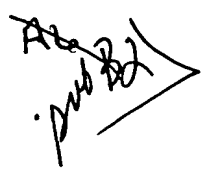
wherein the main unit is adapted to write a code of a function requested by the main unit to be executed by the electronic device in the write area and read a code of the function to be executed and a code associated therewith in the read area to detect the requested function in the main unit.

17. (new) The main unit according to claim 16, wherein the electronic device further comprises a memory, the memory including a list of codes located at a predetermined address of the functions to be executed and codes associated therewith, and wherein the main unit is adapted to determine the function to be executed by accessing the predetermined address.

18. (new) The main unit according to claim 16, further comprising an add-on driver activated upon the main unit determining the function to be executed.

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*At
pub 21*  19. (new) The main unit according to claim 18, wherein the add-on driver enables the function to be executed based upon the determination.
